

5138/USSN 09/581,565  
Group Art Unit 2834

substrate, wherein the capacitor is conductively connected in series to said component such that temperature data from said component are transmitted over a two-pole supply lead that is used to supply said first electrode and said second electrode.

2. (Amended) A piezoelectric transmitter according to claim 1 or 10, wherein said substrate is made of a piezoceramic.

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3. (Amended) A piezoelectric transmitter according to claim 1, wherein said first electrode has a nose, which provides on said first surface a connecting pad via which said component is conductively connected to said first electrode.

4. (Amended) A piezoelectric transmitter according to claim 3, wherein said second electrode has a nose, which extends over the rim of said substrate and provides on said first surface a connecting pad via which said component is conductively connected to said second electrode.

7. (Amended) A piezoelectric transmitter according to claim 3, 4, 11 or 12, wherein said component is a PTC resistor.

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8. (Amended) A piezoelectric transmitter according to claim 3, 4, 11 or 12, wherein said component is a NTC resistor.

5138/USSN 09/581,565  
Group Art Unit 2834

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9. (Amended) A piezoelectric transmitter according to claim 3, 4, 11 or 12, wherein said component is built in the SMD manner.

— Add new claims 10-12 as follows:

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-- 10. (New) A piezoelectric transmitter comprising a substrate made of a piezoelectric material provided with a first electrode on a first surface and a second electrode on a second surface opposite said first surface, said first electrode and said second electrode forming a capacitor, said first surface having an electrode-free rim surface on which is disposed a component having temperature-dependent behavior and a high impedance in comparison to said substrate, wherein the capacitor is conductively connected in parallel to said component such that temperature data from said component are transmitted over a two-pole supply lead that is used to supply said first electrode and said second electrode.

-- 11. (New) A piezoelectric transmitter according to claim 10, wherein said first electrode has a nose, which provides on said first surface a connecting pad via which said component is conductively connected to said first electrode.

-- 12. (New) A piezoelectric transmitter according to claim 11, wherein said second electrode has a nose, which